



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/625,509	07/24/2003	Kanghoon Lee	240368US2DIV	9008

22850 7590 10/06/2006

C. IRVIN MCCLELLAND  
OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT, P.C.  
1940 DUKE STREET  
ALEXANDRIA, VA 22314

EXAMINER

GARCIA, GABRIEL I

ART UNIT PAPER NUMBER

2625

DATE MAILED: 10/06/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	<b>Application No.</b>	<b>Applicant(s)</b>	
	10/625,509	LEE, KANGHOON	
	<b>Examiner</b>	<b>Art Unit</b>	
	Gabriel I. Garcia	2625	

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --**

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 30 June 2006.
- 2a) ☒ This action is **FINAL**.                      2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 3-20 is/are pending in the application.
- 4a) Of the above claim(s) 6-19 is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 6-19 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \*    c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |  |   |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892)   | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                       | 5) <input type="checkbox"/> Notice of Informal Patent Application                       |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)<br>Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____  |

Art Unit: 2625

### Part III DETAILED ACTION

1. In view of Applicant's amendment to the claims and the specification the previous objection(s) and rejection under 35 USC &112 have been withdrawn.

#### ***Claim Rejections - 35 USC § 102***

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

(e) the invention was described in-

(1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effect under this subsection of a national application published under section 122(b) only if the international application designating the United States was published under Article 21(2)(a) of such treaty in the English language; or  
(2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that a patent shall not be deemed filed in the United States for the purposes of this subsection based on the filing of an international application filed under the treaty defined in section 351(a).

2. Claims 3-5 and 20 are rejected (as best understood by the Examiner) under 35 U.S.C. 102(e) as being anticipated by Yokomizo et al. (6,321,266)

With regard to claim 3, Yokomizo et al. teaches a computer program product (e.g. col. 1, lines 44-52 and col. 47, lines 29-34), comprising: a computer storage medium (e.g. col. 36, lines 53-65) and a computer program code mechanism embedded in the computer storage medium which when executed by a computer, causes a printer to perform a method for controlling a configuration of the printer (e.g. col. 32, lines 36-63, and col. 49, lines 27-39) comprising: receiving a request for a printer control interface (e.g. col. 1, lines 44-52, and col. 70, line 66 thru col. 71, line 45); sending the printer

control interface to a remote computer (e.g. col. 1, lines 44-52, col. 32, lines 36-67, and col. 38, lines 16-55); receiving a series of printer control parameters in response to sending the printer control interface (e.g. col. 1, lines 44-52, col. 19, lines 39-50, and col. 72, lines 34-67) ; and updating a control memory of the printer based on the series of printer control parameters (e.g. col. 1, lines 44-52, col. 19, lines 39-50, and col. 72, lines 34-67).

With regard to claim 4, Yokomizo et al. further teaches comprising storing the series of printer control parameters in the control memory of the printer based on an identification of the remote computer (e.g. col. 1, lines 44-52, col. 12, lines 17-25, and col. 57, lines 52-55).

With regard to claim 5, Yokomizo et al. further teaches comprising storing the series of printer control parameters in the control memory of the printer based on an internet address of the remote computer (e.g. col. 1, lines 44-52, and col. 57, lines 39-55).

With regard to claim 20, Yokomizo et al. further teaches comprising storing the series of printer parameters in a database (e.g. col. 1, lines 44-52, col. 57, lines 39-55, and col. 76, lines 9-24).

### ***Conclusion***

3. Applicant's arguments filed 6/30/06 have been fully considered but they are not persuasive. In response to Applicant's argument that Yokomizo fails to teach or suggest receiving a request for a printer control interface, sending the printer control

interface to a remote computer, and updating a control memory of the printer based on the series of printer control parameters. Examiner asserts that Yokomizo teaches receiving a request for a printer control interface (e.g. col. 1, lines 44-52, and col. 70, line 66 thru col. 71, line 5, clearly col. 71, line 1-45 describe how control file is receive which control the printer interface or configuration)); sending the printer control interface to a remote computer (e.g. col. 1, lines 44-52, col. 32, lines 36-67, and col. 38, lines 16-55, clearly describe how the control program can be send to a server or another computer); and updating a control memory of the printer based on the series of printer control parameters (e.g. col. 1, lines 44-52, col. 19, lines 39-50, and col. 72, lines 34-67, clearly describe how the control program (or configuration) can be updated in a memory).

**4. THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

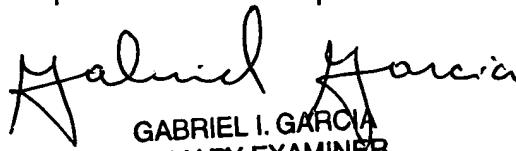
A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Art Unit: 2625

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to **Gabriel I. Garcia** whose telephone number is (571) 272-7434. The Examiner can be reached from Monday through Thursday, from 7:30 am to 6:00 pm. The fax phone number for this group is (571) 273-8300.

Any inquiry of a general nature or relating to the status of this application should be directed to the Group receptionist whose telephone number is (571) 3272-2600.

**Gabriel I. Garcia**  
**Primary Examiner**  
**October 1, 2006**



GABRIEL I. GARCIA  
PRIMARY EXAMINER